

AMENDMENTS TO THE CLAIMS

1. **(Currently amended)** A method of treating diabetes in a mammal in need thereof, comprising the steps of:

implanting in said mammal a tolerizing dose of insulin-secreting cells encapsulated in a biologically compatible permselective membrane, wherein said implanting step is subcapsular, subcutaneous, intraperitoneal or intraportal; then

administering to said mammal a therapeutic dose of corresponding unencapsulated insulin-secreting cells.

2. **(Original)** The method of claim 1, wherein said mammal is a human, canine or feline.

3. **(Previously presented)** The method of claim 1, wherein said tolerizing dose is one to two orders of magnitude less than said therapeutic dose.

4. **(Original)** The method of claim 1, wherein said insulin-secreting cells are pancreatic islet cells.

5. **(Original)** The method of claim 1, wherein said membrane comprises polyethylene glycol.

6. **(Previously presented)** The method of claim 1, wherein said tolerizing and therapeutic doses comprise porcine cells.

7. **(Previously presented)** The method of claim 1, further comprising the step of administering one or more anti-inflammatory agents to said mammal prior to, at the same time as, or subsequent to administration of said therapeutic dose.

8. **(Original)** The method of claim 1, wherein said membrane has a molecular weight cutoff of about 150 kDa or less.

9. **(Original)** The method of claim 1, wherein said membrane has a pore size of less than about 0.4 μm .

10. **(Original)** The method of Claim 9, wherein said membrane has a pore size of less than about 0.2 μm .

11. **(Previously presented)** The method of Claim 1, wherein said therapeutic dose is between one and two orders of magnitude higher than said tolerizing dose.

12. **(Cancelled)**

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13. **(Original)** The method of Claim 1, wherein said administering step is intraperitoneal, intraportal or subcutaneous.

14. **(Original)** The method of Claim 1, wherein said tolerizing dose is administered incrementally.